	·		<u> </u>	<b>T</b>
L Number	Hits	Search Text	DB	Time stamp 2003/10/31 09:56
1	20519	catheter and (radiopaque (radio near2 opaque) radio\$8)	USPAT; US-PGPUB	2003/10/31 09:56
2	1575	catheter and ((tungsten platinum) with wire)	USPAT;	2003/10/31 09:56
2	10/0	Camerer and (liungsten platinum) with wile)	US-PGPUB	2000/10/01 00.00
3	20939	(catheter and (radiopaque (radio near2 opaque) radio\$8))	USPAT;	2003/10/31 09:56
Ŭ	20000	(catheter and ((tungsten platinum) with wire))	US-PGPUB	
4	16407	((catheter and (radiopaque (radio near2 opaque) radio\$8))	USPAT;	2003/10/31 09:58
		(catheter and ((tungsten platinum) with wire))) and	US-PGPUB	
		@ad<20010704		
5	3179	(((catheter and (radiopaque (radio near2 opaque) radio\$8))	USPAT;	2003/10/31 09:58
		(catheter and ((tungsten platinum) with wire))) and	US-PGPUB	
	2102	@ad<20010704) and (wire with diameter) ((((catheter and (radiopaque (radio near2 opaque) radio\$8) )	USPAT;	2003/10/31 09:59
6	2192	(((catheter and (tadiopaque (tadio treat2 opaque) tadiopo)) (catheter and ((tungsten platinum) with wire))) and	US-PGPUB	2000/10/01 00:00
		(added and ((drigster platitur)) with who))) and (606/\$.ccls.		
		604/\$.ccls.)		
7	496	(((((catheter and (radiopaque (radio near2 opaque) radio\$8))	USPAT;	2003/10/31 10:02
		(catheter and ((tungsten platinum) with wire))) and	US-PGPUB	
		@ad<20010704) and (wire with diameter)) and (606/\$.ccls.		
		604/\$.ccls.)) and (wire\$2 with (braid\$3 interwoven woven		
		weav\$3 intertwin\$3)) ((((((catheter and (radiopaque (radio near2 opaque) radio\$8) )	USPAT;	2003/10/31 10:03
8	0	(((((Catheter and (radiopaque (radio hear2 opaque) radioso))) (catheter and ((tungsten platinum) with wire))) and	US-PGPUB	2000/10/01 10:00
		(addeced and ((thigster platitudit) with whe whe)) and (606/\$.ccls.	00,00000	
		604/\$.ccls.)) and (wire\$2 with (braid\$3 interwoven woven		
		weav\$3 intertwin\$3))) and (wire\$2 same daimeter\$2)		
9	496	((((((catheter and (radiopaque (radio near2 opaque) radio\$8))	USPAT;	2003/10/31 10:55
		(catheter and ((tungsten platinum) with wire))) and	US-PGPUB	
		@ad<20010704) and (wire with diameter)) and (606/\$.ccls.		
		604/\$.ccls.)) and (wire\$2 with (braid\$3 interwoven woven weav\$3 intertwin\$3))) and (wire\$2 same diameter\$2)		
10	135	(((((((catheter and (radiopaque (radio near2 opaque) radio\$8)))	USPAT;	2003/10/31 11:36
10	155	(catheter and ((tungsten platinum) with wire))) and	US-PGPUB	
		@ad<20010704) and (wire with diameter)) and (606/\$.ccls.		
		604/\$.ccls.)) and (wire\$2 with (braid\$3 interwoven woven		
		weav\$3 intertwin\$3))) and (wire\$2 same diameter\$2)) and		
		tungsten and platinum		2003/10/31 11:36
11	298	((((((catheter and (radiopaque (radio near2 opaque) radio\$8))	USPAT; US-PGPUB	2003/10/31 11.30
		(catheter and ((tungsten platinum) with wire))) and @ad<20010704) and (wire with diameter)) and (606/\$.ccls.	00-10100	
		604/\$.ccls.)) and (wire\$2 with (braid\$3 interwoven woven		
		weav\$3 intertwin\$3))) and (wire\$2 same diameter\$2)) and		
		(tungsten platinum)		
12	163	(((((((catheter and (radiopaque (radio near2 opaque) radio\$8)	USPAT;	2003/10/31 12:06
		) (catheter and ((tungsten platinum) with wire))) and	US-PGPUB	
	•	@ad<20010704) and (wire with diameter)) and (606/\$.ccls.		
		604/\$.ccls.)) and (wire\$2 with (braid\$3 interwoven woven weav\$3 intertwin\$3))) and (wire\$2 same diameter\$2)) and		
		(tungsten platinum)) not (((((((catheter and (radiopaque (radio		
		near2 opague) radio\$8) ) (catheter and ((tungsten platinum)		
		with wire))) and @ad<20010704) and (wire with diameter)) and		
		(606/\$.ccls. 604/\$.ccls.)) and (wire\$2 with (braid\$3 interwoven		
		woven weav\$3 intertwin\$3))) and (wire\$2 same diameter\$2))		
		and tungsten and platinum)		2003/10/31 09:54
-	0	5019057.pn. and radio	USPAT; US-PGPUB	2003/10/31 09.04
	о	5019057.pn. and stainless	USPAT;	2003/07/15 11:22
-	0	JUTJUJI. pri. anu stanness	US-PGPUB	
-	1	5019057.pn. and steel	USPAT;	2003/07/15 11:24
			US-PGPUB	
-	555	steel with (radiopaque (radio adj opaque))	USPAT;	2003/07/15 11:25
			US-PGPUB	0000/07/45 44:07
-	81	steel with ((high highly) near4 (radiopaque (radio adj opaque)))	USPAT;	2003/07/15 11:27
		(shall with (/high highly) mand (radionarys (radio adi	US-PGPUB USPAT;	2003/07/15 11:27
-	61	(steel with ((high highly) near4 (radiopaque (radio adj opaque)))) and @ad<20010704	US-PGPUB	2000/07/10 11.27
L	L	opaque)))) and @ad<20010704		_l,,,,,,,,,,

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- 1	6096055.pn. and tungsten	USPAT; US-PGPUB	2003/07/16 10:00
- 1	5019057.pn. and nit\$4 and steel	USPAT; US-PGPUB	2003/07/16 10:00
- 2030	catheter and tungsten and (stainless adj steel)	USPAT; US-PGPUB	2003/10/30 14:54
- 1465	(catheter and tungsten and (stainless adj steel)) and @ad<20010702	USPAT; US-PGPUB	2003/10/31 09:57
- 711	((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and (tungsten same (stainless adj steel))	USPAT; US-PGPUB	2003/10/30 14:56
- 531	((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and (tungsten with (stainless adj steel))	USPAT; US-PGPUB	2003/10/30 14:57
- 133	((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and ((tungsten with (stainless adj steel)) same catheter)	USPAT; US-PGPUB	2003/10/30 14:59
- 125	(((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and ((tungsten with (stainless adj steel)) same catheter)) and (606/\$.ccls. 604/\$.ccls. 600/\$.ccls.	USPAT; US-PGPUB	2003/10/30 19:45
- 0	128/\$.ccls. 601/\$.ccls.) 5019057.pn. and stainless and tungsten	USPAT; US-PGPUB	2003/10/30 19:04
- 0	5019057.pn. and stainless	USPAT; US-PGPUB	2003/10/30 19:04
- 1	5019057.pn. and steel	USPAT; US-PGPUB	2003/10/30 19:04
- 1465	(catheter and tungsten and (stainless adj steel)) and @ad<20010702	USPAT; US-PGPUB	2003/10/30 21:19
- 1198	((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and (606/\$.ccls. 604/\$.ccls. 623/\$.ccls. 601/\$.ccls. 600/\$.ccls. 128/\$.ccls.)	USPAT; US-PGPUB	2003/10/30 21:19
- 125	(((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and ((tungsten with (stainless adj steel)) same catheter)) and (606/\$.ccls. 604/\$.ccls. 600/\$.ccls. 128/\$.ccls. 601/\$.ccls.)	USPAT; US-PGPUB	2003/10/30 19:45
- 1073	(((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and (606/\$.ccls. 604/\$.ccls. 623/\$.ccls. 601/\$.ccls. 600/\$.ccls. 128/\$.ccls.)) not ((((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and ((tungsten with (stainless adj steel)) same catheter)) and	USPAT; US-PGPUB	2003/10/30 19:50
- 439	(606/\$.ccls. 604/\$.ccls. 600/\$.ccls. 128/\$.ccls. 601/\$.ccls.) ((((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and (606/\$.ccls. 604/\$.ccls. 623/\$.ccls. 601/\$.ccls. 600/\$.ccls. 128/\$.ccls.)) not ((((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and ((tungsten with (stainless adj steel)) same catheter)) and (606/\$.ccls. 604/\$.ccls. 600/\$.ccls. 128/\$.ccls. 601/\$.ccls.))) and (braid\$3 interwoven)	USPAT; US-PGPUB	2003/10/30 19:51
- 432	(((((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and (606/\$.ccls. 604/\$.ccls. 623/\$.ccls. 601/\$.ccls. 600/\$.ccls. 128/\$.ccls.)) not ((((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and ((tungsten with (stainless adj steel)) same catheter)) and (606/\$.ccls. 604/\$.ccls. 600/\$.ccls. 128/\$.ccls. 601/\$.ccls.))) and (braid\$3 interwoven)) and (wire ribbon tape)	USPAT; US-PGPUB	2003/10/30 21:01
- 0	6648874.pn.	USPAT; US-PGPUB	2003/10/30 21:06
- 902	((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and (wire same diameter)	USPAT; US-PGPUB	2003/10/30 21:07
- 411	(((catheter and tungsten and (stainless adj steel)) and @ad<20010702 ) and (wire same diameter)) and (braid\$3 interwoven)	USPAT; US-PGPUB	2003/10/30 21:08

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-	55	(((catheter and tungsten and (stainless adj steel)) and @ad<20010702 ) and (wire same diameter)) and (braid\$3 interwoven)) not ((((catheter and tungsten and (stainless adj steel)) and @ad<20010702 ) and (606/\$.ccls. 604/\$.ccls. 623/\$.ccls. 601/\$.ccls. 600/\$.ccls. 128/\$.ccls.)) not ((((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and ((tungsten with (stainless adj steel)) same catheter)) and (606/\$.ccls. 604/\$.ccls. 600/\$.ccls. 128/\$.ccls. 601/\$.ccls.)) and (braid\$3 interwoven))	USPAT; US-PGPUB	2003/10/30 21:08
-	3094	(catheter and platinum and (stainless adj steel)) and @ad<20010702	USPAT; US-PGPUB	2003/10/30 21:34
-	2541	((catheter and platinum and (stainless adj steel)) and @ad<20010702 ) and (606/\$.ccls. 604/\$.ccls. 623/\$.ccls. 601/\$.ccls. 600/\$.ccls. 128/\$.ccls.)	USPAT; US-PGPUB	2003/10/30 21:20
-	1623	(((catheter and platinum and (stainless adj steel)) and @ad<20010702 ) and (606/\$.ccls. 604/\$.ccls. 623/\$.ccls. 601/\$.ccls. 600/\$.ccls. 128/\$.ccls.)) not (((((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and ((tungsten with (stainless adj steel)) same catheter)) and (606/\$.ccls. 604/\$.ccls. 600/\$.ccls. 128/\$.ccls. 601/\$.ccls.) ) ((((catheter and tungsten and (stainless adj steel)) and @ad<20010702 ) and (606/\$.ccls. 604/\$.ccls. 623/\$.ccls. 601/\$.ccls. 600/\$.ccls. 128/\$.ccls. 603/\$.ccls. 601/\$.ccls. 600/\$.ccls. 128/\$.ccls. 604/\$.ccls. 601/\$.ccls. 600/\$.ccls. 128/\$.ccls.) not ((((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and ((tungsten with (stainless adj steel)) same catheter)) and (606/\$.ccls. 604/\$.ccls. 600/\$.ccls. 128/\$.ccls. 601/\$.ccls.) )) (((catheter and tungsten and (stainless adj steel)) and	USPAT; US-PGPUB	2003/10/30 21:24
-	513	(((catheter and platinum and (stainless adj steel)) and (((catheter and tungsten and (stainless adj steel)) and ((((catheter and tungsten with (stainless adj steel)) and ((((catheter and (tungsten with (stainless adj steel)) and (ad<20010702) and ((tungsten with (stainless adj steel)) same catheter)) and (606/\$.ccls. 604/\$.ccls. 600/\$.ccls. 128/\$.ccls. 601/\$.ccls.)) (((catheter and tungsten and (stainless adj steel)) and (ad<20010702) and (606/\$.ccls. 604/\$.ccls. 623/\$.ccls. 601/\$.ccls. 600/\$.ccls. 128/\$.ccls.)) not ((((catheter and tungsten and (stainless adj steel)) and (((catheter and tungsten with (stainless adj steel))) and (((catheter and ((tungsten with (stainless adj steel))) same catheter)) and (606/\$.ccls. 604/\$.ccls. 600/\$.ccls. 128/\$.ccls. 601/\$.ccls.))) (((catheter and tungsten and (stainless adj steel)) and (ad<20010702) and (wire same diameter)))) and (braid\$3 interwoven)	USPAT; US-PGPUB	2003/10/30 21:24
-	261	((((catheter and platinum and (stainless adj steel)) and @ad<20010702 ) and (606/\$.ccls. 604/\$.ccls. 623/\$.ccls. 601/\$.ccls. 600/\$.ccls. 128/\$.ccls.)) not ((((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and ((tungsten with (stainless adj steel)) same catheter)) and (606/\$.ccls. 604/\$.ccls. 600/\$.ccls. 128/\$.ccls. 601/\$.ccls.) ) (((catheter and tungsten and (stainless adj steel)) and @ad<20010702 ) and (606/\$.ccls. 604/\$.ccls. 623/\$.ccls. 601/\$.ccls. 600/\$.ccls. 128/\$.ccls.)) not ((((catheter and tungsten and (stainless adj steel)) and @ad<20010702 ) and (606/\$.ccls. 604/\$.ccls. 623/\$.ccls. 601/\$.ccls. 600/\$.ccls. 128/\$.ccls.)) not ((((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and ((tungsten with (stainless adj steel)) same catheter)) and (600/\$.ccls. 604/\$.ccls. 600/\$.ccls. 128/\$.ccls. 601/\$.ccls.))) (((catheter and tungsten and (stainless adj steel)) and @ad<20010702 ) and (wire same diameter))) ) and (braid\$3 interwoven)) and (wire with diameter)	USPAT; US-PGPUB	2003/10/30 21:33
-	6098	catheter and (wire with diameter)	USPAT; US-PGPUB	2003/10/30 21:33
-	5057	(catheter and (wire with diameter)) and @ad<20010702	USPAT; US-PGPUB	2003/10/30 21:34
-	3374	((catheter and (wire with diameter) ) and @ad<20010702 ) and (606/\$.ccls. 604/\$.ccls.)	USPAT; US-PGPUB	2003/10/30 21:35

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- 196 -	(catheter and (wire with diameter) ) and @ad<20010702 ) nd (606/\$.ccls. 604/\$.ccls.)) not ((((catheter and tungsten and tainless adj steel)) and @ad<20010702 ) and (606/\$.ccls.)) (catheter and tungsten and (stainless adj steel)) and gad<20010702 ) and (wire same diameter)) ((((catheter and ungsten and (stainless adj steel)) and @ad<20010702 ) and wire same diameter)) and (braid\$3 interwoven)) not (((catheter and tungsten and (stainless adj steel)) and gad<20010702 ) and (606/\$.ccls. 604/\$.ccls. 623/\$.ccls. 01/\$.ccls. 601/\$.ccls. 128/\$.ccls.)) not (((catheter and ungsten and (stainless adj steel)) and @ad<20010702 ) and tungsten with (stainless adj steel)) and @ad<20010702 and (bof\$.ccls. 604/\$.ccls. 600/\$.ccls. 128/\$.ccls. 011/\$.ccls. 0)) nd (braid\$3 interwoven))) (((catheter and platinum and stainless adj steel)) and @ad<20010702 ) and (bof\$.ccls. 601/\$.ccls. 004/\$.ccls. 623/\$.ccls. 601/\$.ccls. 600/\$.ccls. 128/\$.ccls. 601/\$.ccls. 601/\$.ccls. 600/\$.ccls. 004/\$.ccls. 623/\$.ccls. 601/\$.ccls. 600/\$.ccls. 004/\$.ccls. 623/\$.ccls. 601/\$.ccls. 600/\$.ccls. 28/\$.ccls. 601/\$.ccls. 601/\$.ccls. 600/\$.ccls. 28/\$.ccls. 601/\$.ccls. 600/\$.ccls. 800/\$.ccls. 28/\$.ccls. 601/\$.ccls. 001/\$.ccls. 800/\$.ccls. 28/\$.ccls. 601/\$.ccls. 000/\$.ccls. 128/\$.ccls.)) not ((catheter and tungsten and (stainless adj steel)) and gad<20010702 ) and (futugsten with (stainless adj steel)) ame catheter)) and (606/\$.ccls. 600/\$.ccls. 128/\$.ccls.)) not ((catheter and tungsten and (stainless adj steel)) and gad<20010702 ) and (futugsten with (stainless adj steel)) ame catheter)) and (606/\$.ccls. 600/\$.ccls. 128/\$.ccls. 001/\$.ccls. 601/\$.ccls. 601/\$.ccls. 600/\$.ccls. 28/\$.ccls. 601/\$.ccls. 601/\$.ccls. 600/\$.ccls. 28/\$.ccls. 601/\$.ccls. 601/\$.ccls. 004/\$.ccls. 623/\$.ccls. 001/\$.ccls. 604/\$.ccls. 600/\$.ccls. 28/\$.ccls. 601/\$.ccls. 601/\$.ccls. 004/\$.ccls. 600/\$.ccls. 601/\$.ccls. 600/\$.ccls. 28/\$.ccls. 601/\$.ccls. 001/\$.ccls. 600/\$.ccls. 28/\$.ccls. 601/\$.ccls. 001/\$.ccls. 601/\$.ccls. 004/\$.ccls. 004/\$.ccls. 004/\$.ccls. 601/\$.ccls. 004/\$.ccls. 004/\$.ccls. 601/	USPAT; US-PGPUB USPAT; US-PGPUB	2003/10/30 21:36

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- 121 - 13	((((catheter and (wire with diameter)) and @ad<20010702) and (606/\$.ccls. 604/\$.ccls.)) not ((((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and (wire same diameter)) ((((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and (braid\$3 interwoven)) not ((((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and (braid\$3 interwoven)) not ((((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and (braid\$3 interwoven)) not (((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and (braid\$3 interwoven)) not (((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and (braid\$3 interwoven)) not (((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and (fungsten with (stainless adj steel)) and @ad<20010702) and (fungsten with (stainless adj steel)) and @ad<20010702) and (fungsten and tungsten and (stainless adj steel)) and @ad<20010702) and (fungsten with (stainless adj steel)) and @ad<20010702) and (fungsten with (stainless adj steel)) and @ad<20010702) and (fungsten with (stainless adj steel)) and @ad<20010702) and (fungsten and tungsten and (stainless adj steel)) and @ad<20010702) and (fol6/\$.ccls. 600/\$.ccls. 128/\$.ccls.)) not (((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and (fol6/\$.ccls. 600/\$.ccls. 128/\$.ccls.)) not (((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and (fol6/\$.ccls. 600/\$.ccls. 128/\$.ccls.)) not (((catheter and tungsten and (stainless adj steel)) and @ad<20010702) and (wire same diameter)) and (606/\$.ccls. 600/\$.ccls. 128/\$.ccls.)) not (((catheter and tungsten and (stainless adj steel)) and @ad<20010702 ) and (wire same diameter)) and (fol6/\$.ccls. 601/\$.ccls. 601/\$.ccls. 600/\$.ccls. 128/\$.ccls.)) not (((catheter and tungsten and (stainless adj steel)) and @ad<20010702 ) and (fol6/\$.ccls. 600/\$.ccls. 128/\$.ccls.)) not (((catheter and tungsten and (stainless adj steel)) and @ad<20010702 ) and (fol6/\$.ccls. 600/\$.ccls. 128/\$.ccls.)) ((cathe	USPAT; US-PGPUB USPAT; US-PGPUB	2003/10/30 21:41

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5 (((((catheter and (wire with diameter) ) and @ad<20010702 ) and (606/\$.ccis. 604/\$.ccis.)) not ((((catheter and tungsten and (stainless adj steel)) and @ad<20010702 ) and (606/\$.ccis.)) (((catheter and tungsten and (stainless adj steel)) and @ad<20010702 ) and (wire same diameter)) and @ad<20010702 ) and (braid\$3 interwoven) not ((((catheter and tungsten and (stainless adj steel)) and @ad<20010702 ) and (braid\$3 interwoven) not ((((catheter and tungsten and (stainless adj steel)) and @ad<20010702 ) and (braid\$3 interwoven) not ((((catheter and tungsten and (stainless adj steel)) and @ad<20010702 ) and (bci/\$.ccis. 604/\$.ccis. 623/\$.ccis. 601/\$.ccis. 600/\$.ccis. 128/\$.ccis. 601/\$.ccis. 61/\$.ccis.)) (((catheter and tungsten and (stainless adj steel)) and @ad<20010702 ) and (bci/\$.ccis. 604/\$.ccis. 601/\$.ccis.))) and (braid\$3 interwoven))((((catheter and tungsten and (stainless adj steel)) and @ad<20010702 ) and ((tungsten with (stainless adj steel)) and @ad<20010702 ) and ((tungsten with (stainless adj steel)) and @ad<20010702 ) and ((tungsten and (stainless adj steel)) and @ad<20010702 ) and ((tungsten with (stainless adj steel)) asme catheter)) and (606/\$.ccis. 128/\$.ccis.) not ((((catheter and tungsten and (stainless adj steel)) asme catheter)) and (606/\$.ccis. 604/\$.ccis. 128/\$.ccis. 601/\$.ccis. 604/\$.ccis. 604/\$.ccis. 128/\$.ccis. 601/\$.ccis. 604/\$.ccis. 604/\$.ccis. 604/\$.ccis. 623/\$.ccis. 601/\$.ccis. 604/\$.ccis. 604/\$.ccis. 623/\$.ccis. 601/\$.ccis. 128/\$.ccis.) not (((catheter and tungsten and (stainless adj steel)) asme catheter)) and @ad<20010702 ) and (606/\$.ccis. 128/\$.ccis. 623/\$.ccis. 601/\$.ccis. 604/\$.ccis. 604/\$.ccis. 623/\$.ccis. 601/\$.ccis. 604/\$.ccis. 128/\$.ccis.) not (((catheter and tungsten and (stainless adj steel))) and @ad<20010702) and ((tungsten with (stainless adj steel))) and @ad<20010702) and ((tungsten with (stainless adj steel))
same catheter)) and (606/\$.ccls. 604/\$.ccls. 600/\$.ccls. 128/\$.ccls. 601/\$.ccls.) )) (((catheter and tungsten and (stainless adj steel)) and @ad<20010702 ) and (wire same

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